

## **SAINT CROIX NATIONAL SCENIC RIVERWAY**

### **PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS**

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Saint Croix National Scenic River way. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

#### **Recreation Visits**

#### **NAMEKAGON DISTRICT**

1. The number of boaters and canoeists is determined by conducting daily counts of boats and canoes at the Cable Wayside, Groat Landing, Earl Park, Whispering Pines, McDowell Bridge, and CCC Bridge areas. These random counts are to be taken for 1 hour. The count is then multiplied by 10 to determine the total number of boats and canoes for the day. The boat/canoe count is multiplied by a persons-per-boat multiplier of 2.1 to determine boat/canoe recreation visits.
2. The number of backcountry overnight stays by boaters/canoeists.
3. The number of picnickers.
4. The number of fishermen.
5. The number of hikers.
6. The number of snowmobilers.
7. The number of cross-country skiers.
8. The number of hunters.
9. The number of total recreation visits for the district is multiplied by 0.234 to estimate recreation visits coming into the park from adjacent non-National Park Service lands.

## **MARSHLAND DISTRICT**

1. The number of boaters and canoeists is determined by conducting daily counts of boats and canoes at various sites within the district. These random counts are taken for 1 hour. The count is multiplied by 10 to determine the total number of boats and canoes for the day. The boat/canoe count is multiplied by a persons-per-boat multiplier of 2.1 to determine boat/canoe recreation visits.
2. The number of backcountry overnight stays by boaters/canoeists.
3. The number of picnickers.
4. The number of fishermen is estimated by multiplying the number of watercraft by 1.5.
5. The number of hikers.
6. The number of snowmobilers.
7. The number of skiers.
8. The number of hunters.
9. The number of total recreation visits for the district is multiplied by 0.234 to estimate recreation visits coming in from adjacent non-National Park Service lands.

## **LOWER DISTRICT**

1. The number of boaters and canoeists is determined by multiplying the sum of the headquarters visitor center count according to the regression equation in Table 1. The count is then multiplied by 2.1 to estimate the number of boat/canoe recreation visits.
2. A pneumatic tube traffic counter is located on the entrance lane to the Osceola picnic area. The count is divided by 4 to adjust for axle count and entering/exiting vehicles. The adjusted traffic count is multiplied by a PPV multiplier of 2.3 to determine the number of picnic visitors to the area.
3. The number of fishermen.
4. The number of hikers.
5. The number of snowmobilers.
6. The number of cross-country skiers.
7. The number of tour boat passengers.
8. The number of hunters.
9. The number of total recreation visits for the district is multiplied by 0.234 to estimate recreation visits coming in from adjacent non-National Park Service lands.
10. The number of backcountry overnight stays by boaters/canoeists.

Table 1  
ESTIMATED NUMBER OF WATERCRAFT  
BASED ON  
HEADQUARTERS VISITOR CENTER COUNT BY MONTH

MONTH		ADJUSTMENT FACTOR TIMES VISITOR CENTER COUNT		MONTHLY CONSTANT
APRIL	=	(0.58) * VISITOR CENTER COUNT	+	3719
MAY	=	(0.58) * VISITOR CENTER COUNT	+	6471
JUNE	=	(0.58) * VISITOR CENTER COUNT	+	8160
JULY	=	(0.58) * VISITOR CENTER COUNT	+	11412
AUGUST	=	(0.58) * VISITOR CENTER COUNT	+	7728
SEPTEMBER	=	(0.58) * VISITOR CENTER COUNT	+	4585
OCTOBER	=	(0.58) * VISITOR CENTER COUNT	+	1399

#### Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 2. Each subtotal is the result of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

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Table 2  
AVERAGE LENGTH-OF-STAY MULTIPLIERS BY CATEGORY  
(NAMEKAGON DISTRICT)

CATEGORY	AVERAGE LENGTH-OF-STAY
CANOEISTS STAYING OVERNIGHT	50 hours
CANOE DAY USE	9 hours
FISHERMEN	6 hours
PICNICKERS	2 hours
HIKERS/HUNTERS	4 hours

SKIERS/SNOWMOBILERS	3 hours
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Table 3

AVERAGE LENGTH-OF-STAY MULTIPLIERS BY CATEGORY  
(MARSHLAND AND LOWER DISTRICTS)

CATEGORY	AVERAGE LENGTH-OF-STAY
CANOE OVERNIGHT STAYS	50.0 hours
CANOE DAY USE	6.0 hours
FISHERMAN/TOUR BOAT PASSENGERS	2.5 hours
PICNICKERS	2.5 hours
HIKERS/HUNTERS	2.5 hours
SKIERS/SNOWMOBILERS	2.5 hours

Overnight Stays

NPS Backcountry -

**Namekagon District**

The total number of boat/canoe recreation visits is multiplied by 0.4 to estimate for canoeists camping overnight.

**Marshland District**

1. The total number of boat/canoe recreation visits is multiplied by 0.5 to estimate for canoeists camping overnight.
2. The number of tents sites occupied is multiplied by the persons-per-site multiplier of 3.

**Lower District**

The total number of boat/canoe recreation visits is multiplied by 0.15 to estimate for canoeists camping overnight.

Special Use Data

- Line a. All visitors at visitor information centers
- Line b. Number of visitors at Osceola Landing
- Line c. Number of visitors at Trego Trail
- Line d. Number of visitors at Earl Park
- Line e. Number of fishermen

Line f. Number of snowmobilers  
Line g. Number of skiers  
Line h. Number of hikers